10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Cytokeratin, Multi (Epithelial Marker) Antibody - With BSA and Azide

Mouse Monoclonal Antibody [Clone SPM583]

Catalog # AH10929

Specification

Cytokeratin, Multi (Epithelial Marker) Antibody - With BSA and Azide - Product Information

Application	**,1,14,3,4,**
Primary Accession	P19013
Other Accession	3851 (CK4), 3852 (CK5), 3853 (CK6A), 3854 (CK6B), 286887 (CK6C), 3856 (CK8), 3858 (CK10), 3860 (CK13), 3875 (CK18), P13647, P02538, P04259, P48668, P05787, P13645, P13646, P05783
Reactivity	**Human, Mouse, Rat, Pig, Goat, Bovine, Marmoset, Guinea Pig**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**Mouse / IgG1**
Calculated MW	**Multiple KDa**

Cytokeratin, Multi (Epithelial Marker) Antibody - With BSA and Azide - Additional Information

Gene ID 3851

Other Names
Keratin, type II cytoskeletal 4, Cytokeratin-4, CK-4, Keratin-4, K4, Type-II keratin Kb4, KRT4, CYK4

Format
200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage
Store at 2 to 8°C.Antibody is stable for 24 months.

Precautions
Cytokeratin, Multi (Epithelial Marker) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

Cytokeratin, Multi (Epithelial Marker) Antibody - With BSA and Azide - Protein Information

Name KRT4

Synonyms CYK4

Tissue Location

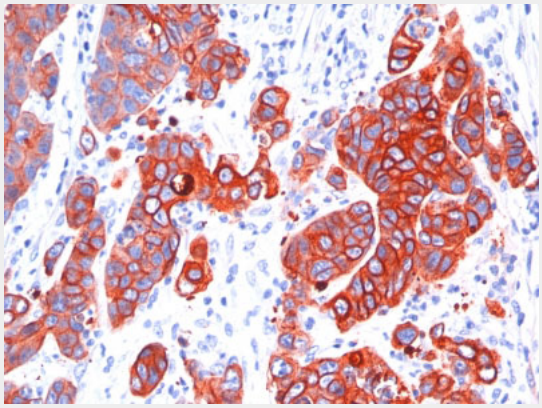
Detected in the suprabasal layer of the stratified epithelium of the esophagus, exocervix, vagina, mouth and lingual mucosa, and in cells and cell clusters in the mucosa and serous gland ducts of the esophageal submucosa (at protein level). Expressed widely in the exocervix and esophageal epithelium, with lowest levels detected in the basal cell layer.

Cytokeratin, Multi (Epithelial Marker) Antibody - With BSA and Azide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Cytokeratin, Multi (Epithelial Marker) Antibody - With BSA and Azide - Images



Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Multi Cytokeratin Monoclonal Antibody (SPM583).

Cytokeratin, Multi (Epithelial Marker) Antibody - With BSA and Azide - Background

This MAb recognizes cytokeratin 4, 5, 6, 8, 10, 13, and 18. This is a broad-spectrum antibody which has been reported to differentiate epithelial tumors from non-epithelial tumors. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis.

Cytokeratin, Multi (Epithelial Marker) Antibody - With BSA and Azide - References

Bartek J et. al. J Pathol, 1991, 164(3):215-24. ,2. Lane EB; Alexander CM. Seminars in Cancer Biology, 1990, 1:165-79. ,3. Bartkova J; et al. Neoplasma, 1991, 38:439-46.,4. Kasper M. Histochemistry, 1991, 95(6):613-20